



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	Company Bowman Oil Company		
15-195-22701-00-00	Well Newman SE 18 No. 5		
	Field Scanlon		
	County Trego	State	Kansas
	Location	NW - SE - SW - SE 350' FSL & 1846' FEL	
	Sec: 18	Twp: 11 S	Rge: 24 W
	Permanent Datum	Ground Level	Elevation 2443
	Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	
Date		3/16/2011	
Run Number		One	
Depth Driller		4410	
Depth Logger		4402	
Bottom Logged Interval		4401	
Top Log Interval		200	
Casing Driller		8.625 @ 221	
Casing Logger		222	
Bit Size		7.875	
Type Fluid in Hole		Chemical	
Salinity, ppm CL		3000	
Density / Viscosity		9.3 33	
pH / Fluid Loss		8.5 10.0	
Source of Sample		Flowline	
Rm @ Meas. Temp		1.50 @ 60	
Rmf @ Meas. Temp		1.13 @ 60	
Rmc @ Meas. Temp		2.03 @ 60	
Source of Rmf / Rmc		Charts	
Rm @ BHT		0.75 @ 120	
Operating Rig Time		4 Hours	
Max Rec. Temp. F		120	
Equipment Number		15	
Location		Hays	
Recorded By		B. Becker	
Witnessed By		Tony Richardson	

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

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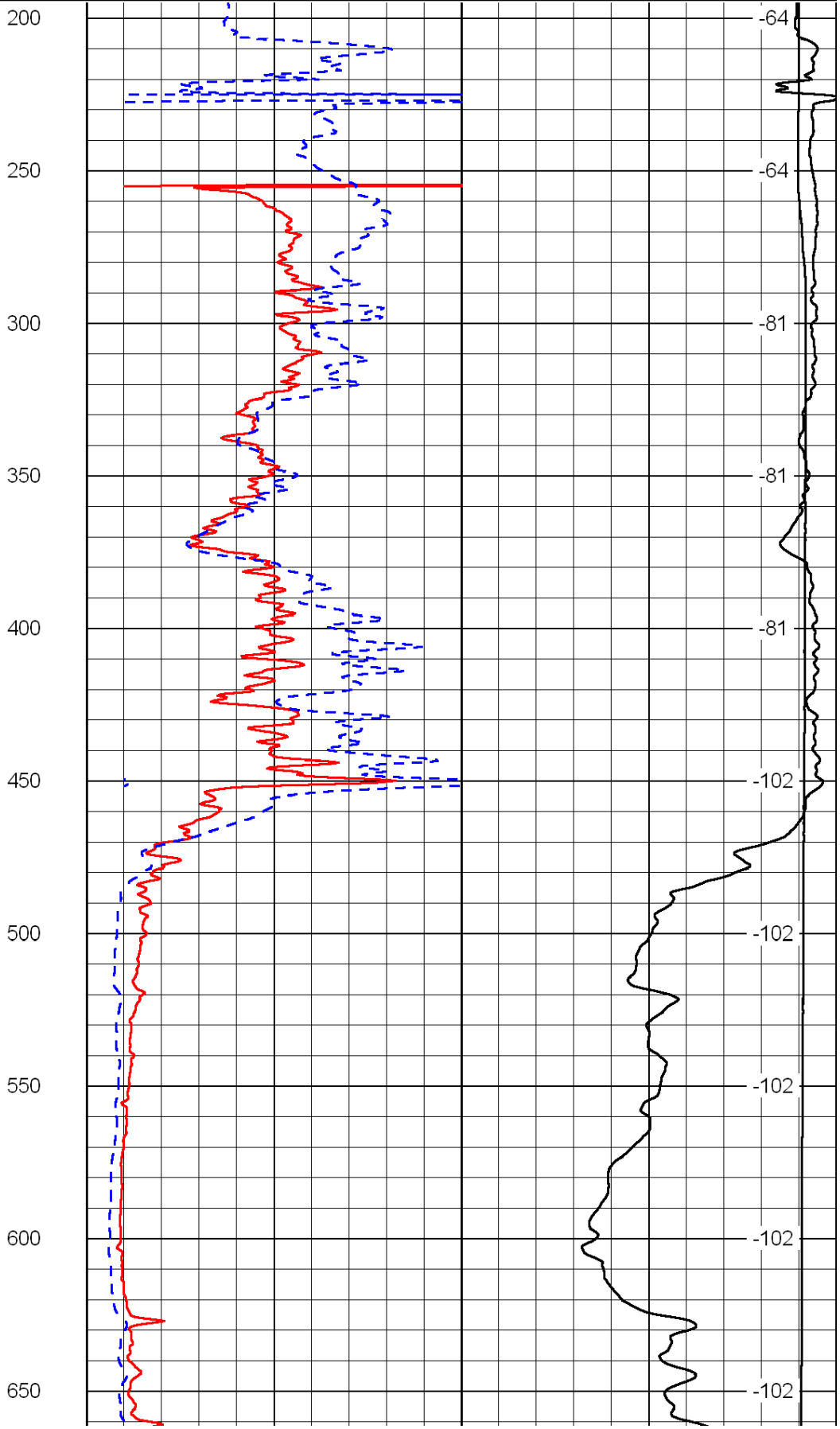
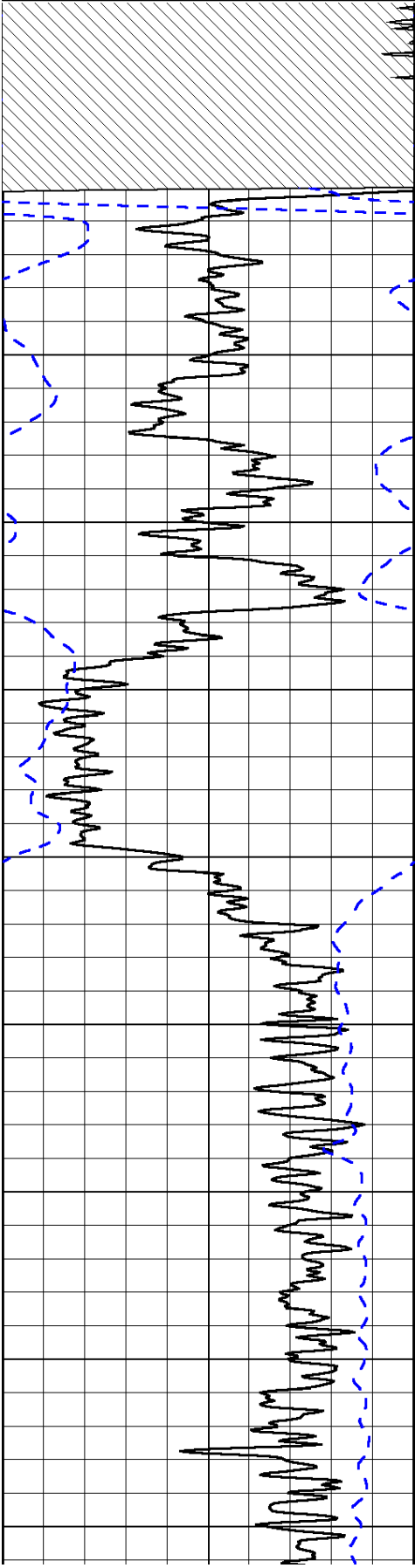
Wakeeney, Ks; West on I-70 to Voda Rd;
3 North to F Rd; 1 West; 3 North
1/3 East; South for 3/4mi to location

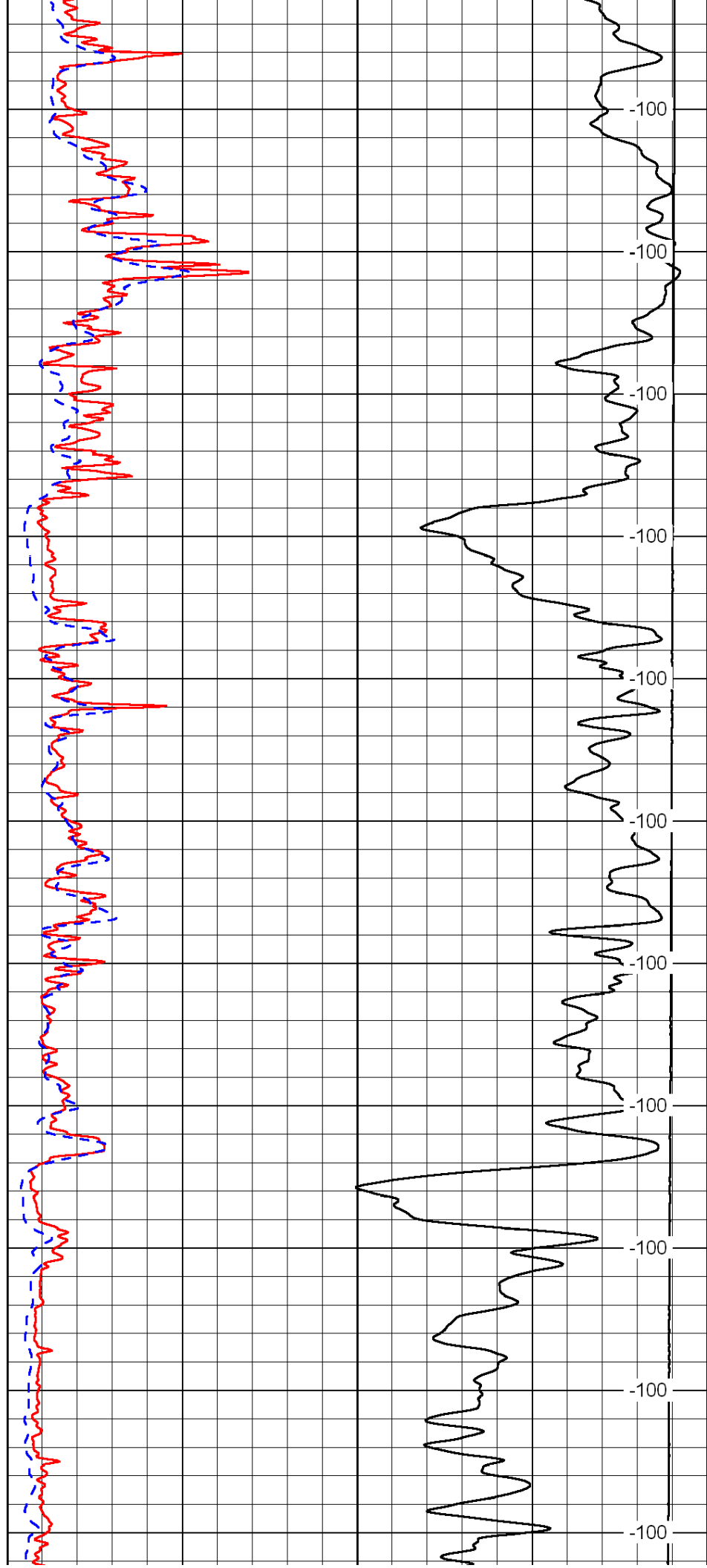
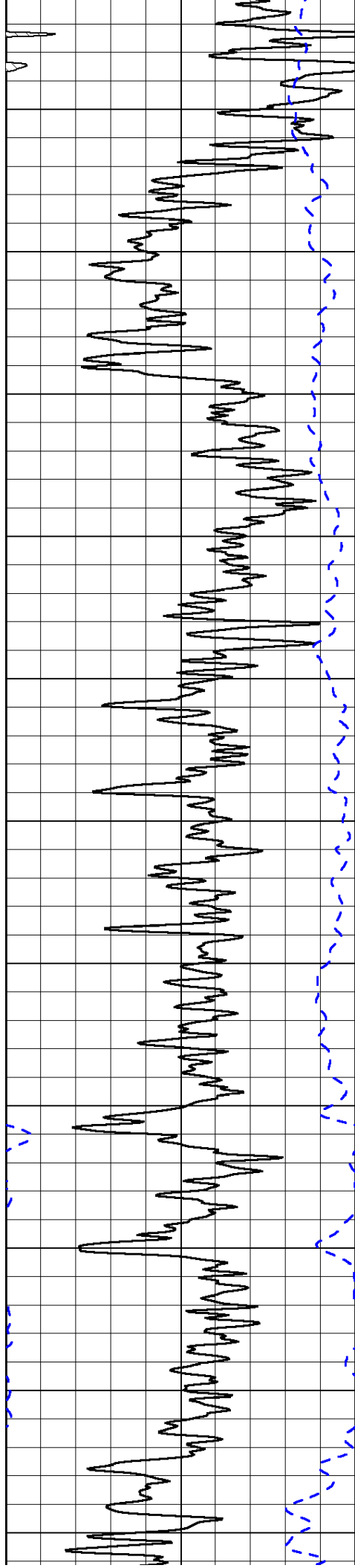
Database File: c:\warrior\data\bowman oil_newman se 18 no. 5\bowhd2.db
Dataset Pathname: DIL\bowstk
Presentation Format: dil2in
Dataset Creation: Wed Mar 16 08:26:20 2011
Charted by: Depth in Feet scaled 1:600

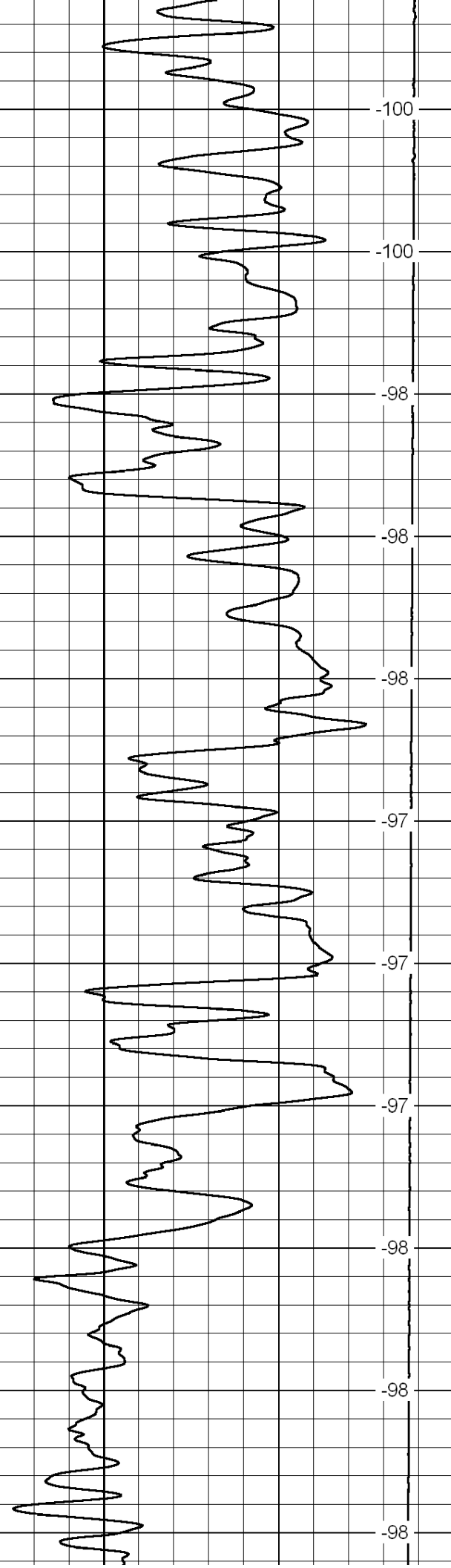
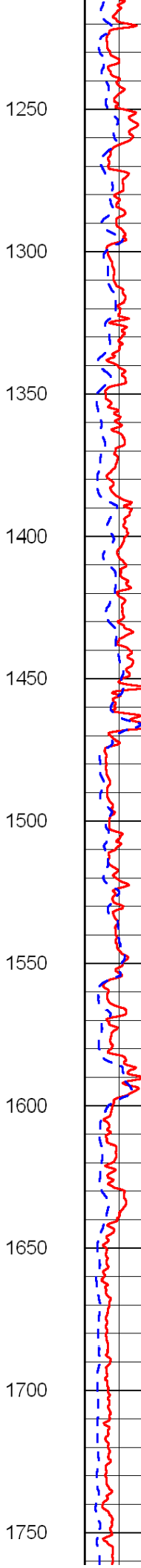
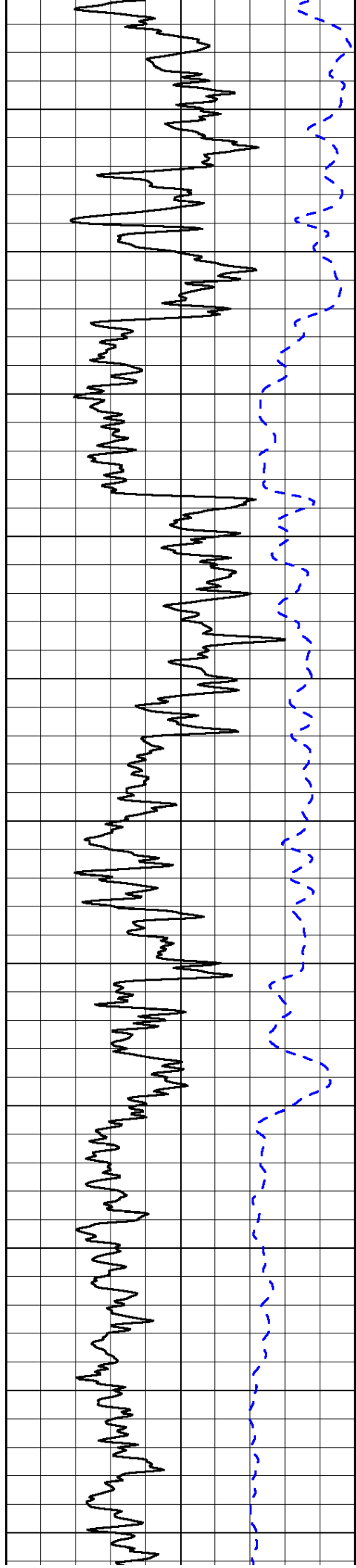
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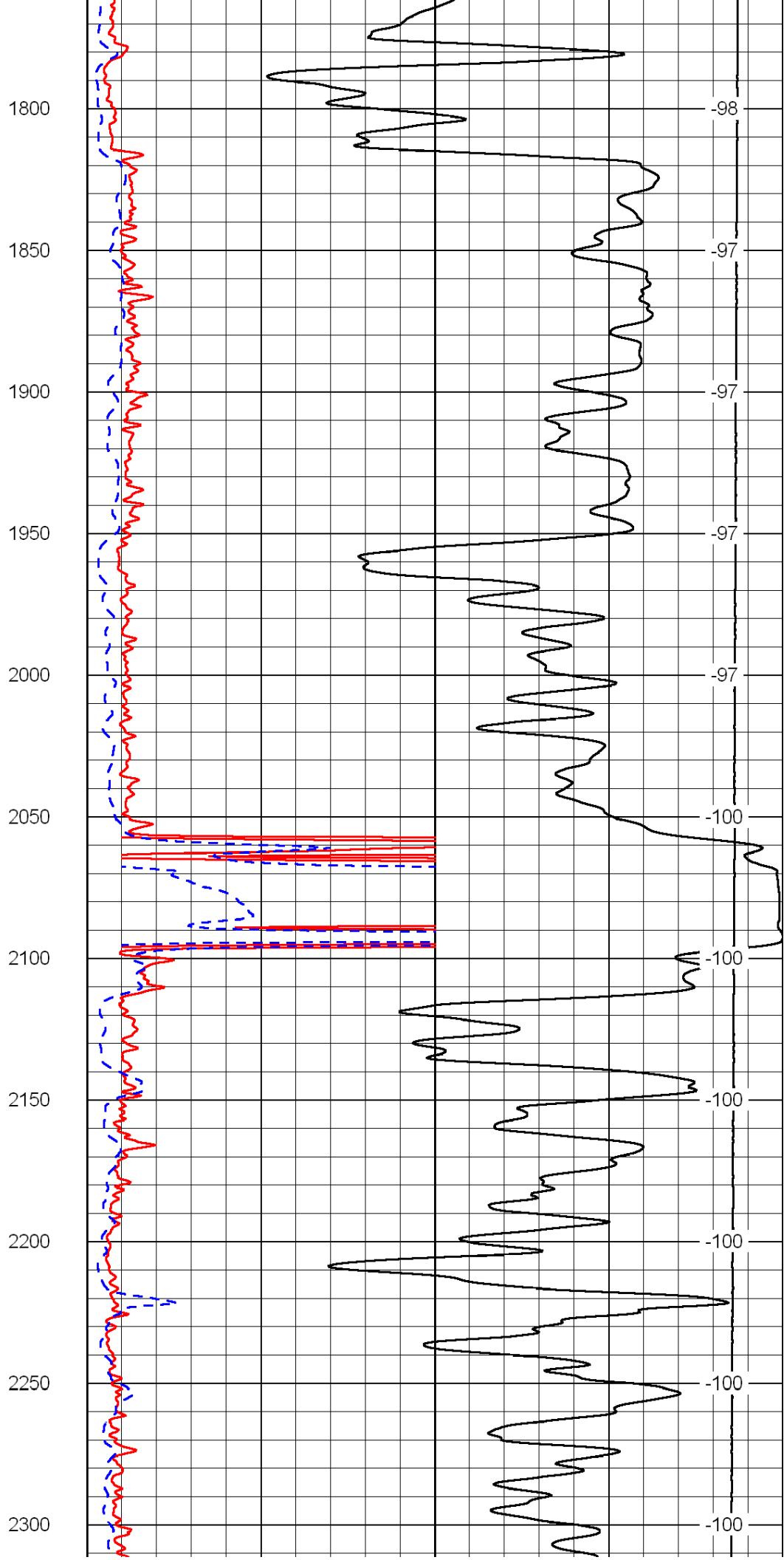
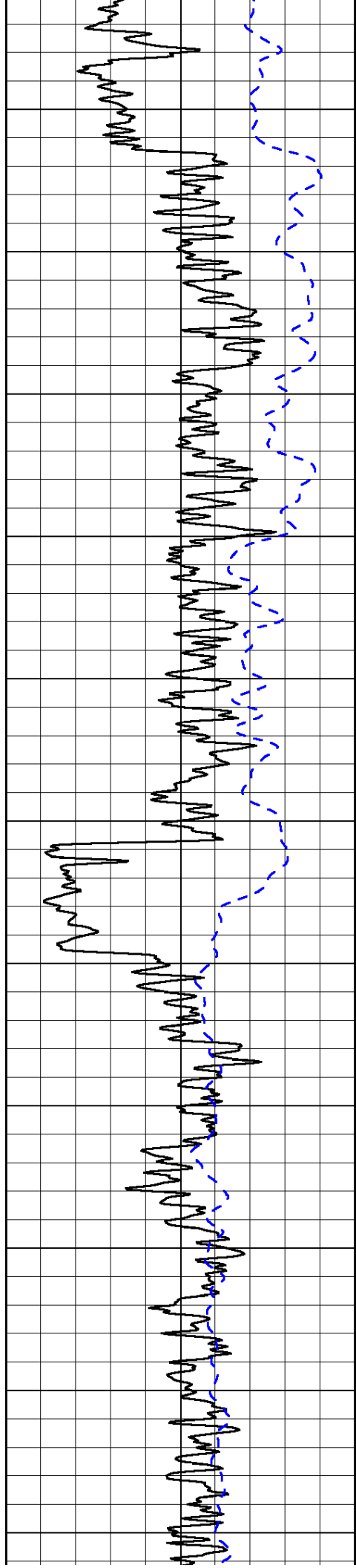
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-200	SP (mV)	0

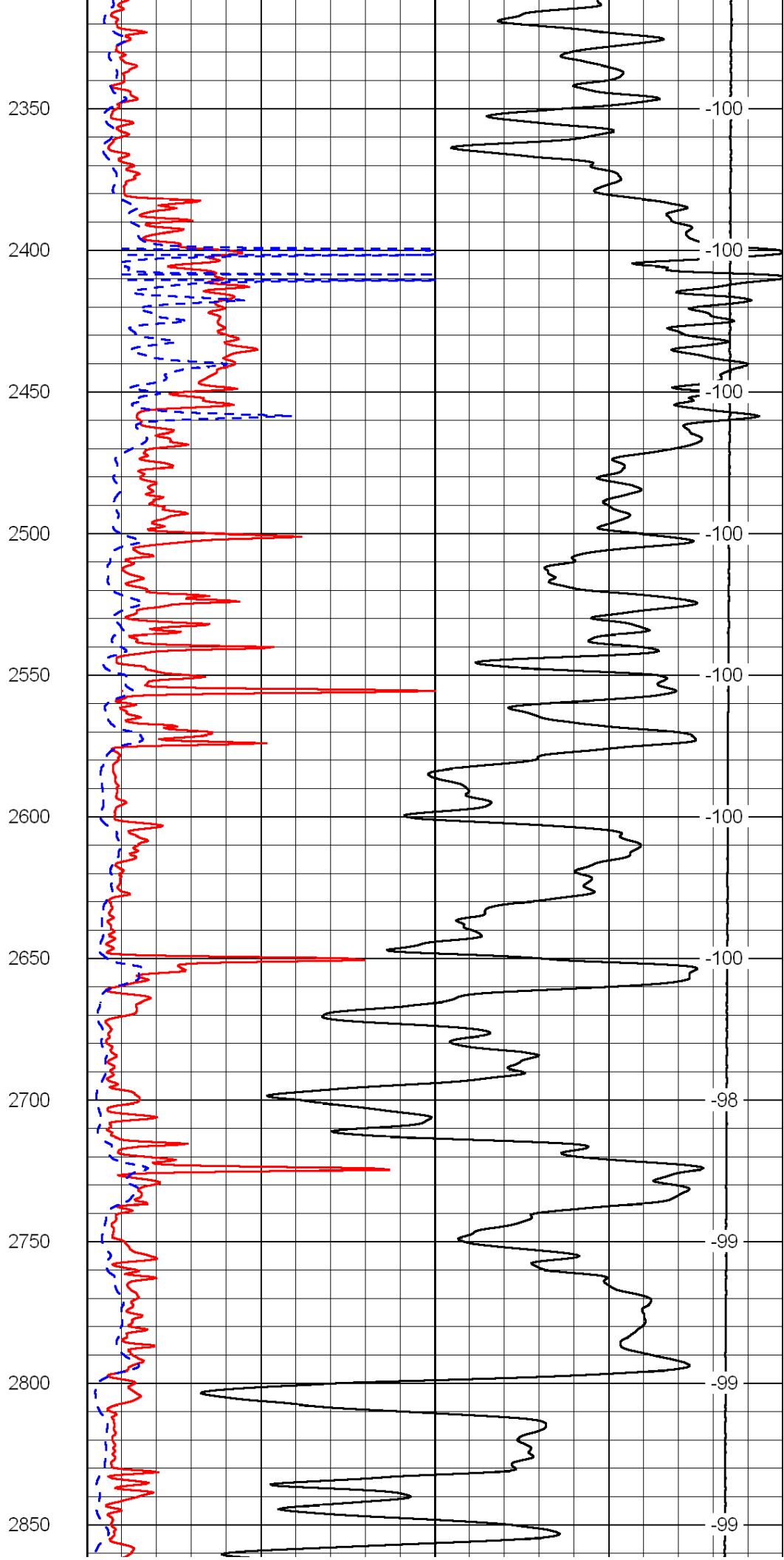
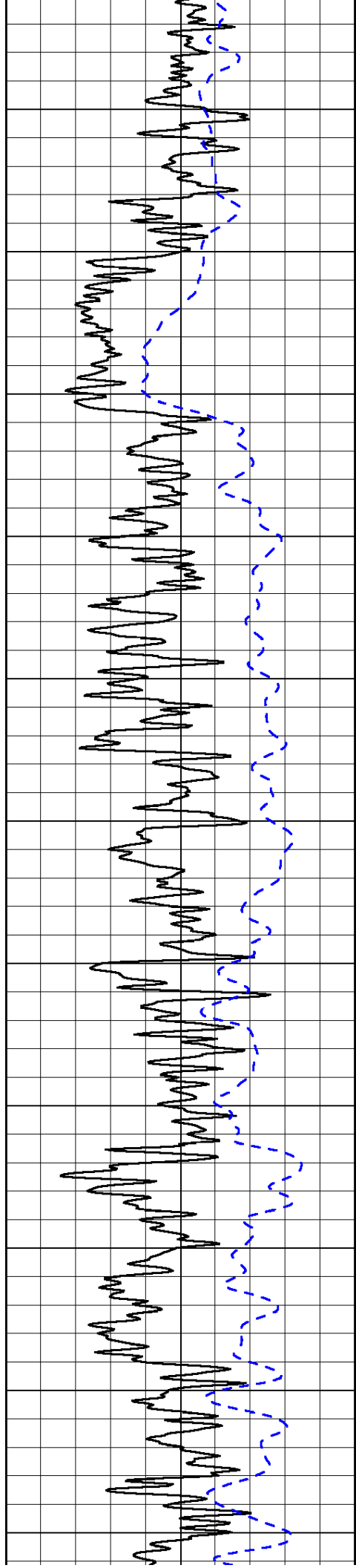
0			Shallow Resistivity	50	LSPD
0			Deep Resistivity	50	
1000			Conductivity		0
15000			Line Tension		0
	50			Shallow Resistivity	500
	50			Deep Resistivity	500

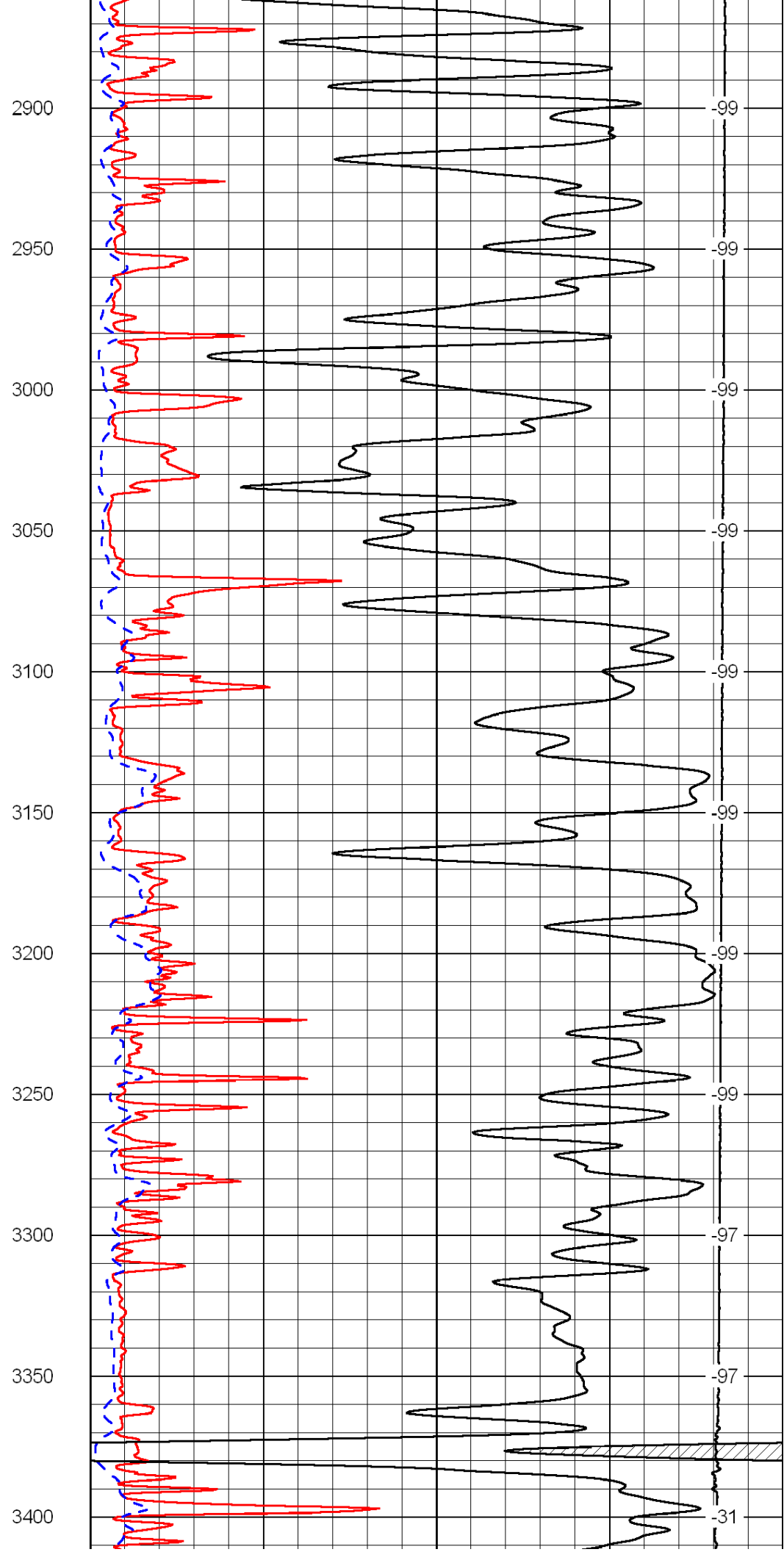
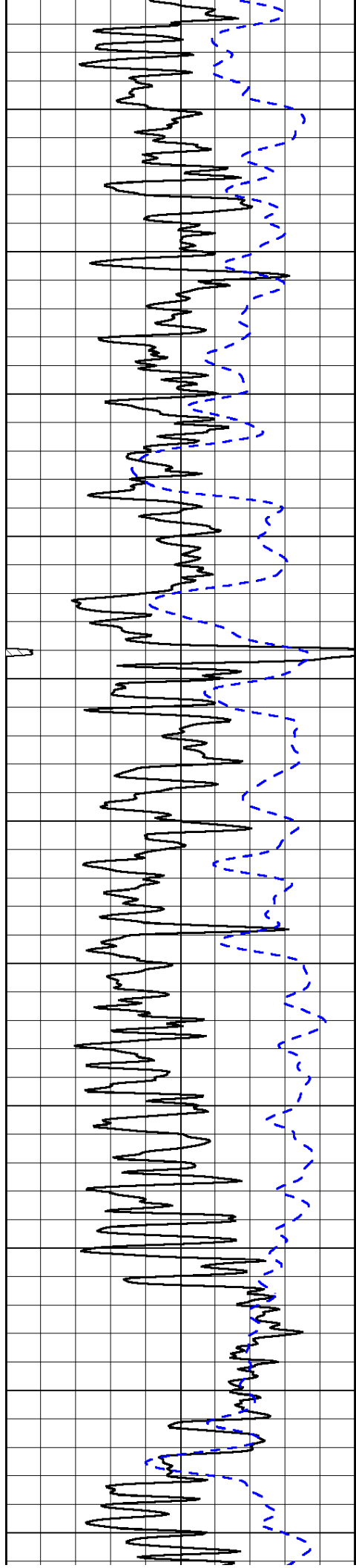


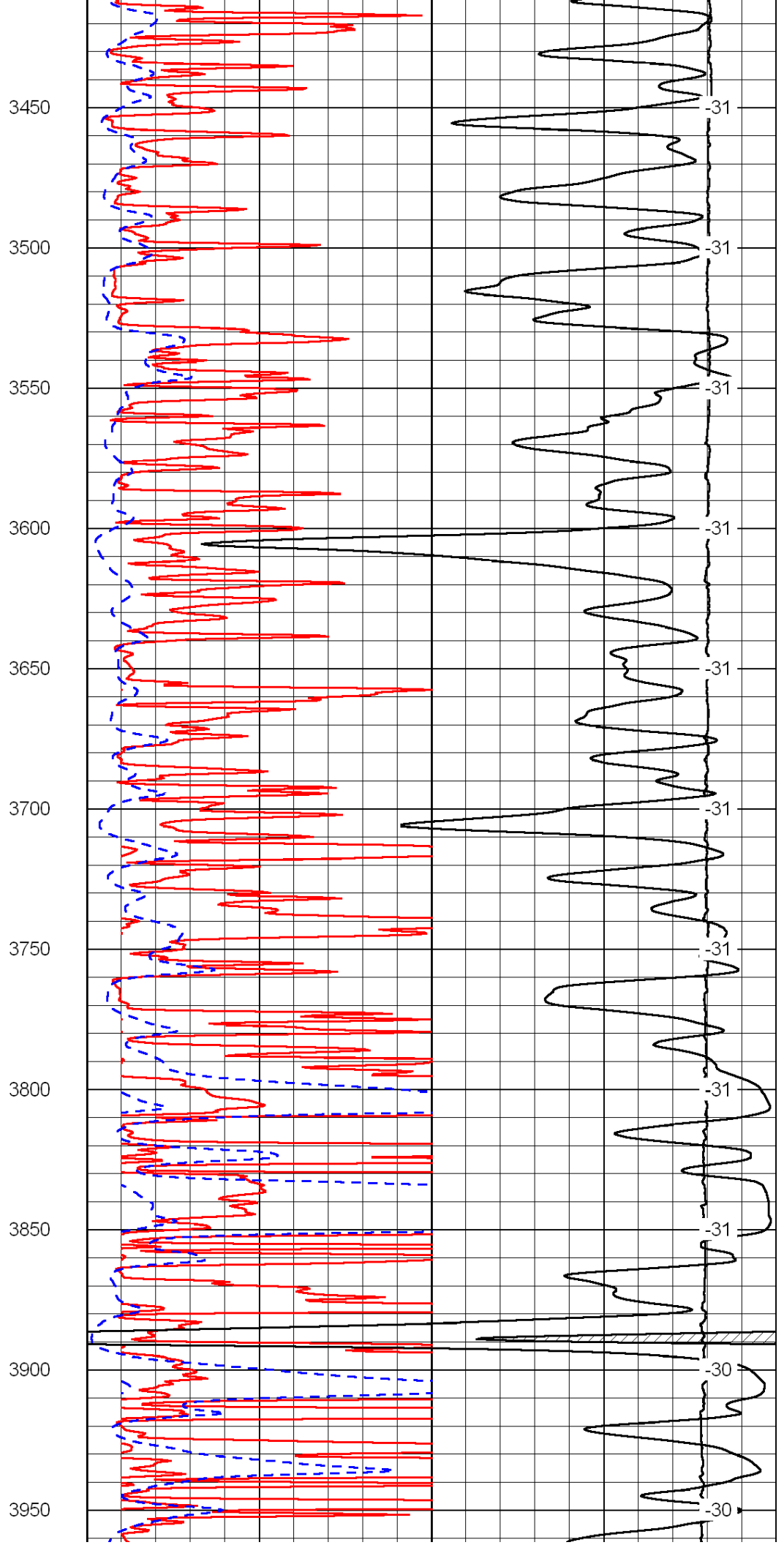
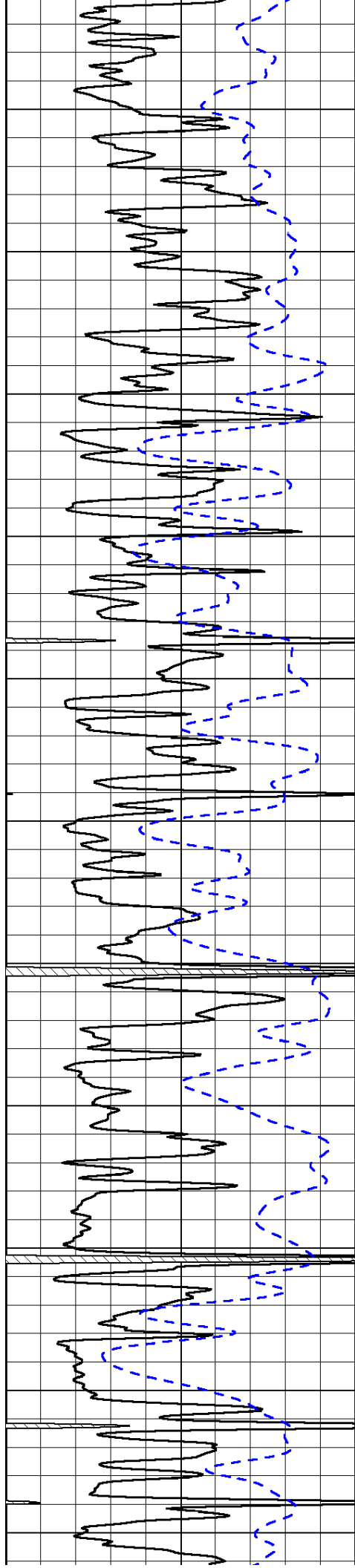


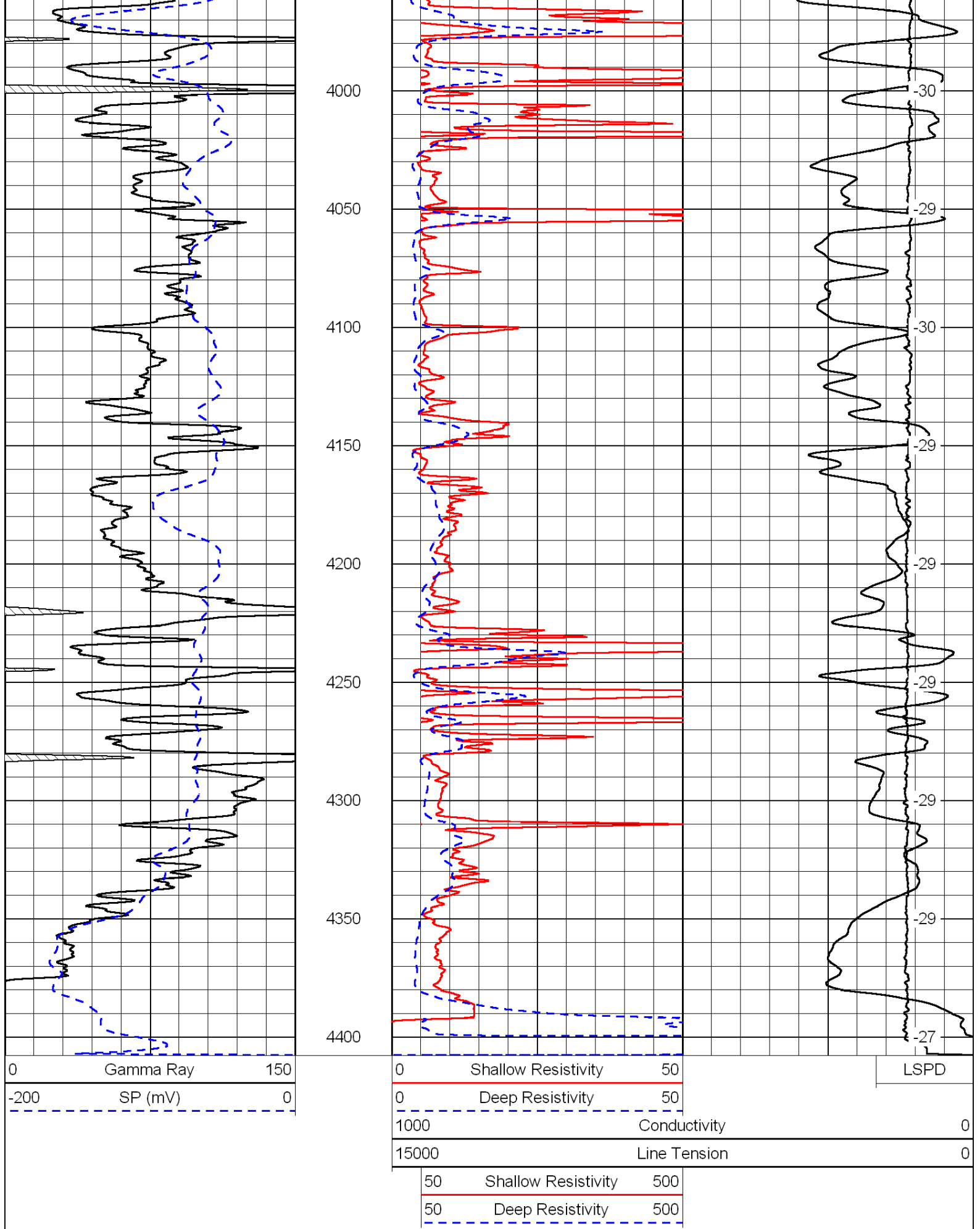










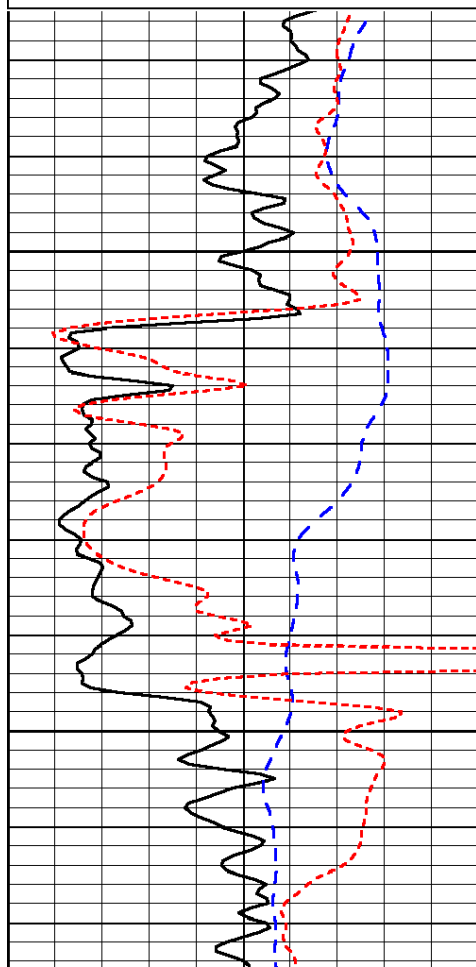


Dataset Pathname: DIL/bowstkr
Presentation Format: dil
Dataset Creation: Wed Mar 16 08:26:20 2011
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



2050

2100

0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD

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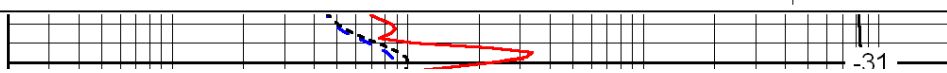
0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

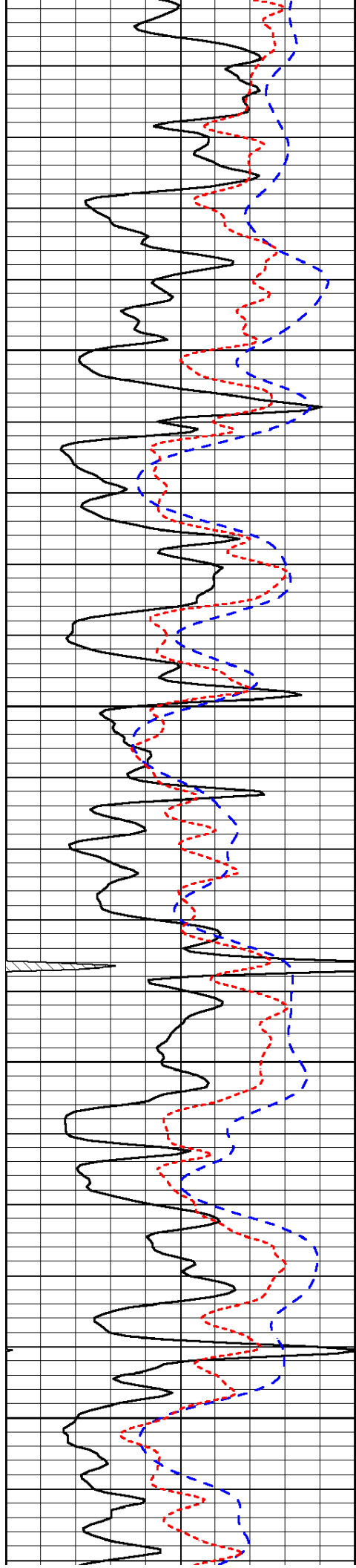
LSPD



3500



-31

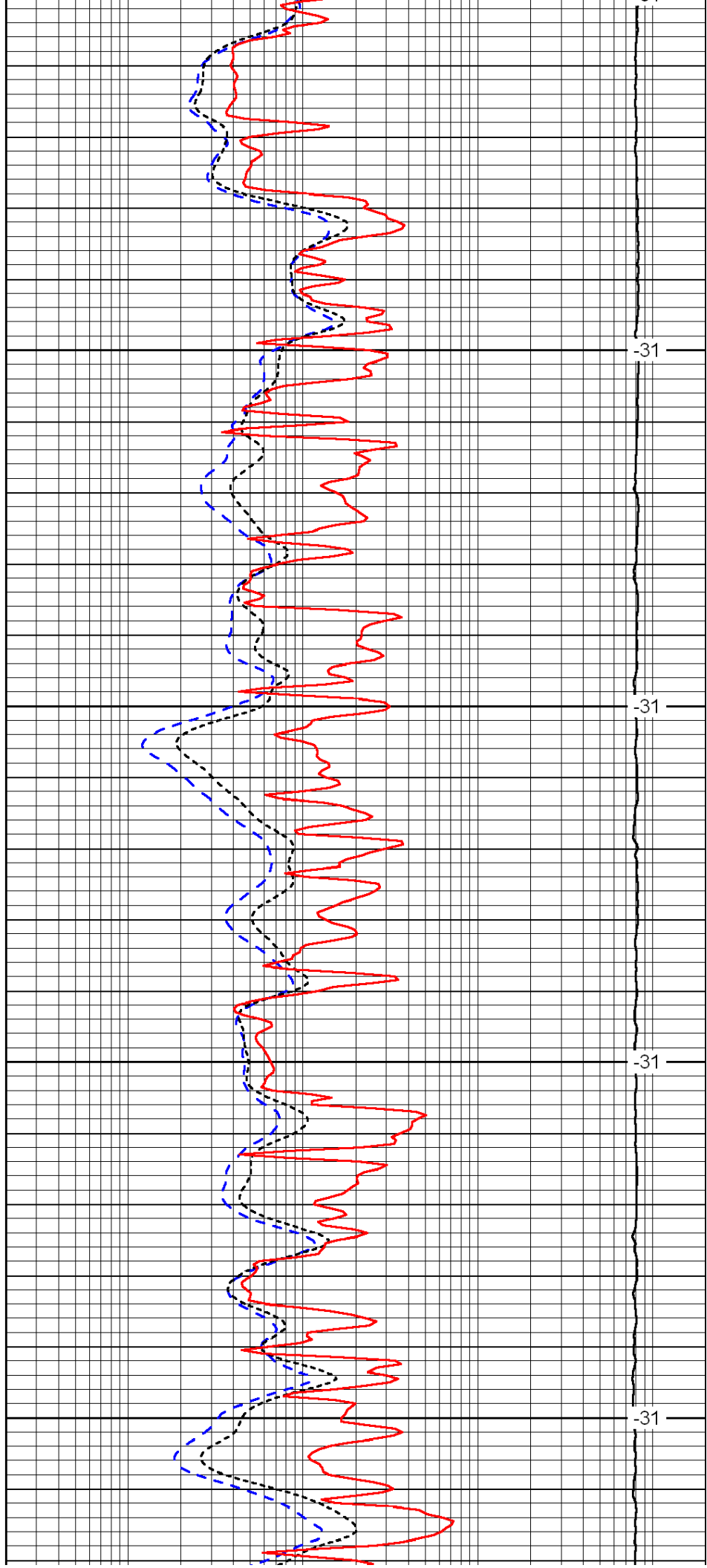


3550

3600

3650

3700

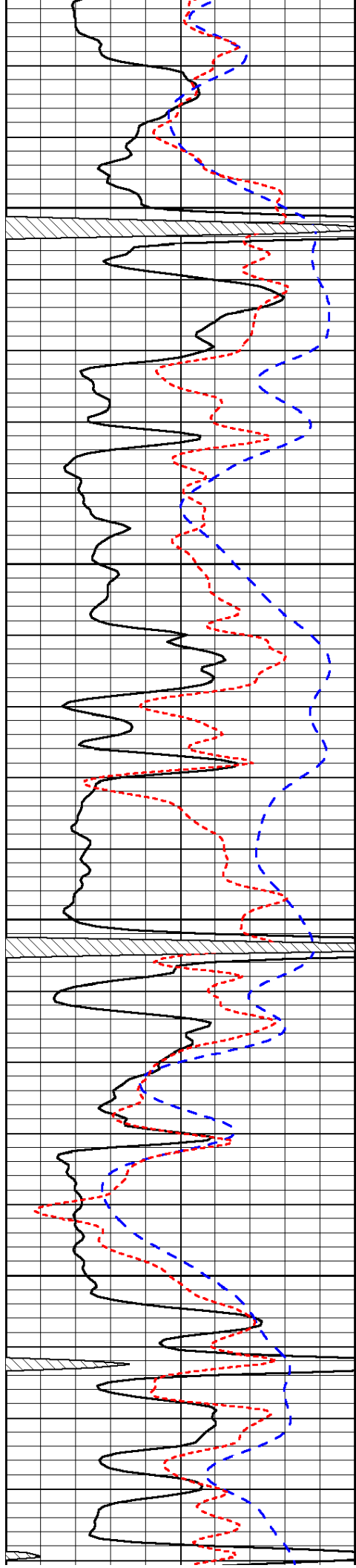


-31

-31

-31

-31

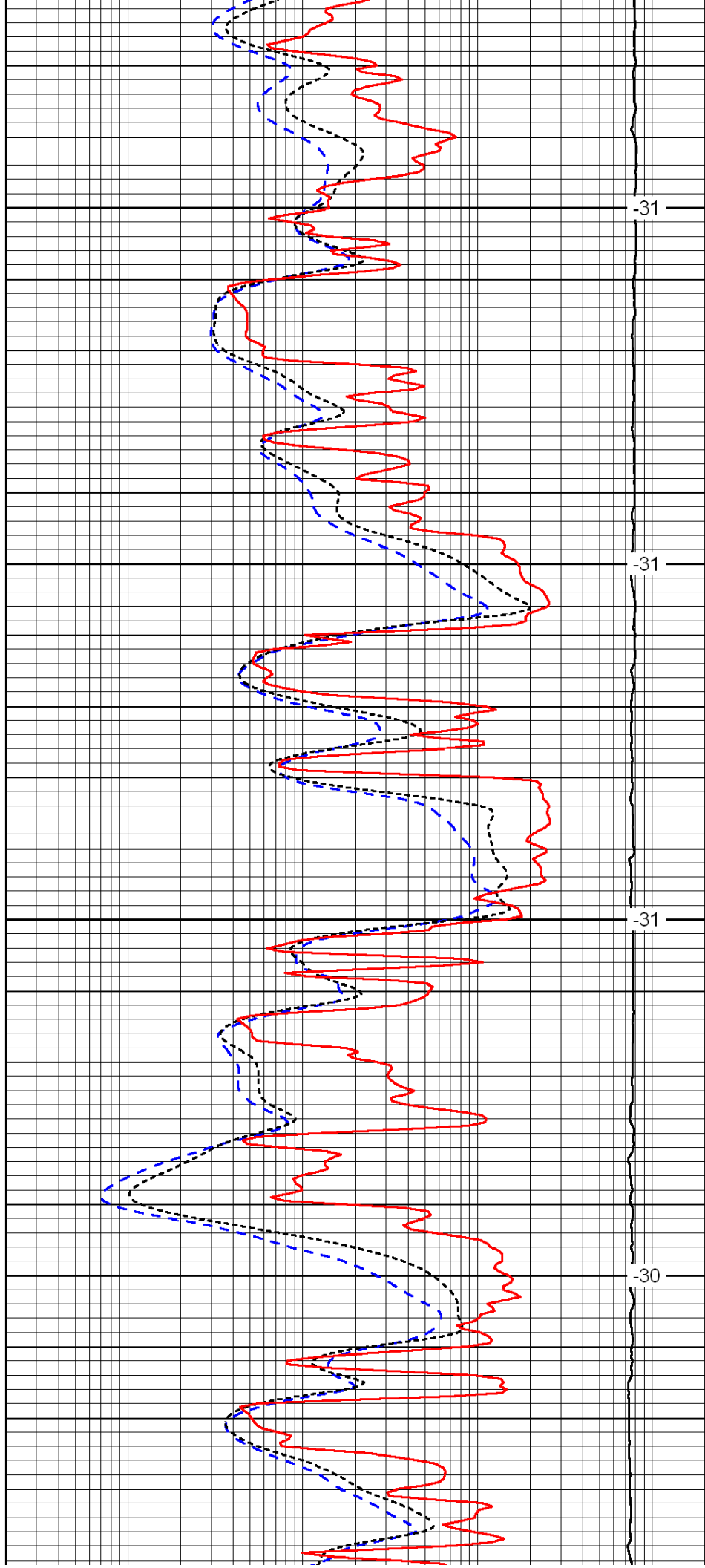


3750

3800

3850

3900

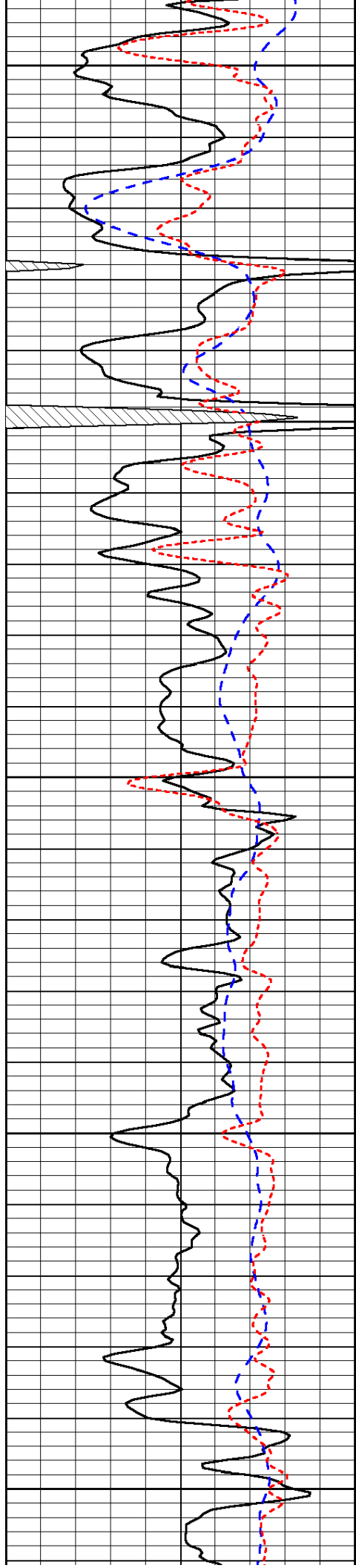


-31

-31

-31

-30



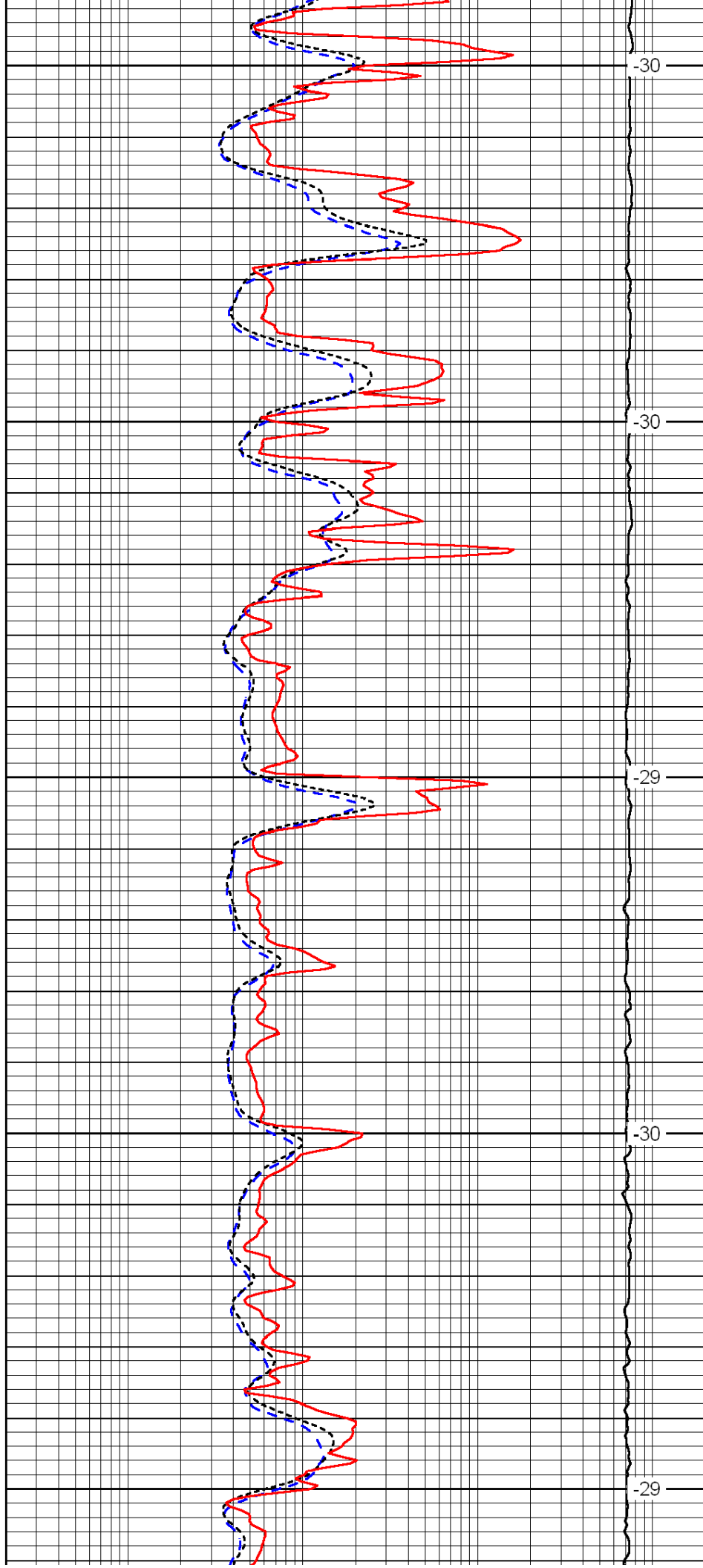
3950

4000

4050

4100

4150



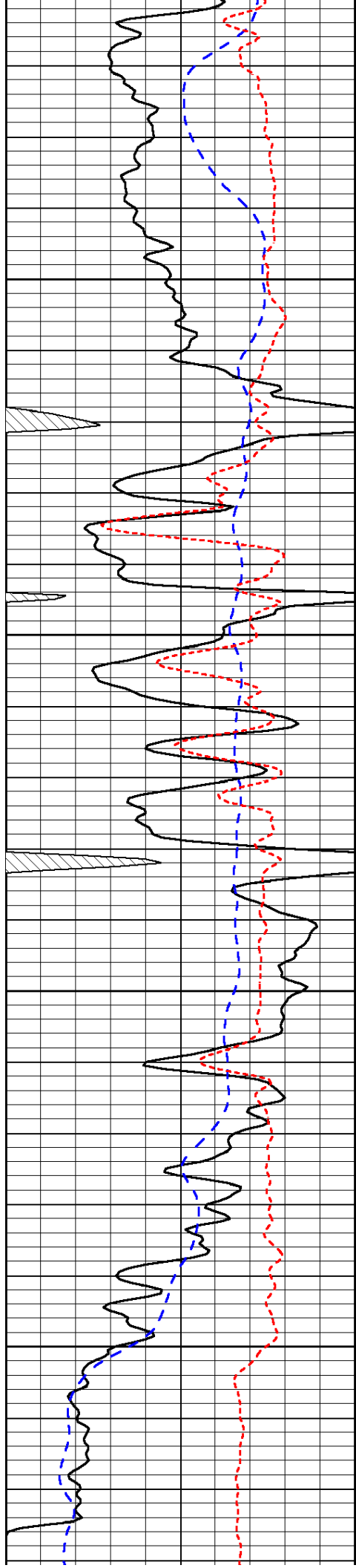
-30

-30

-29

-30

-29

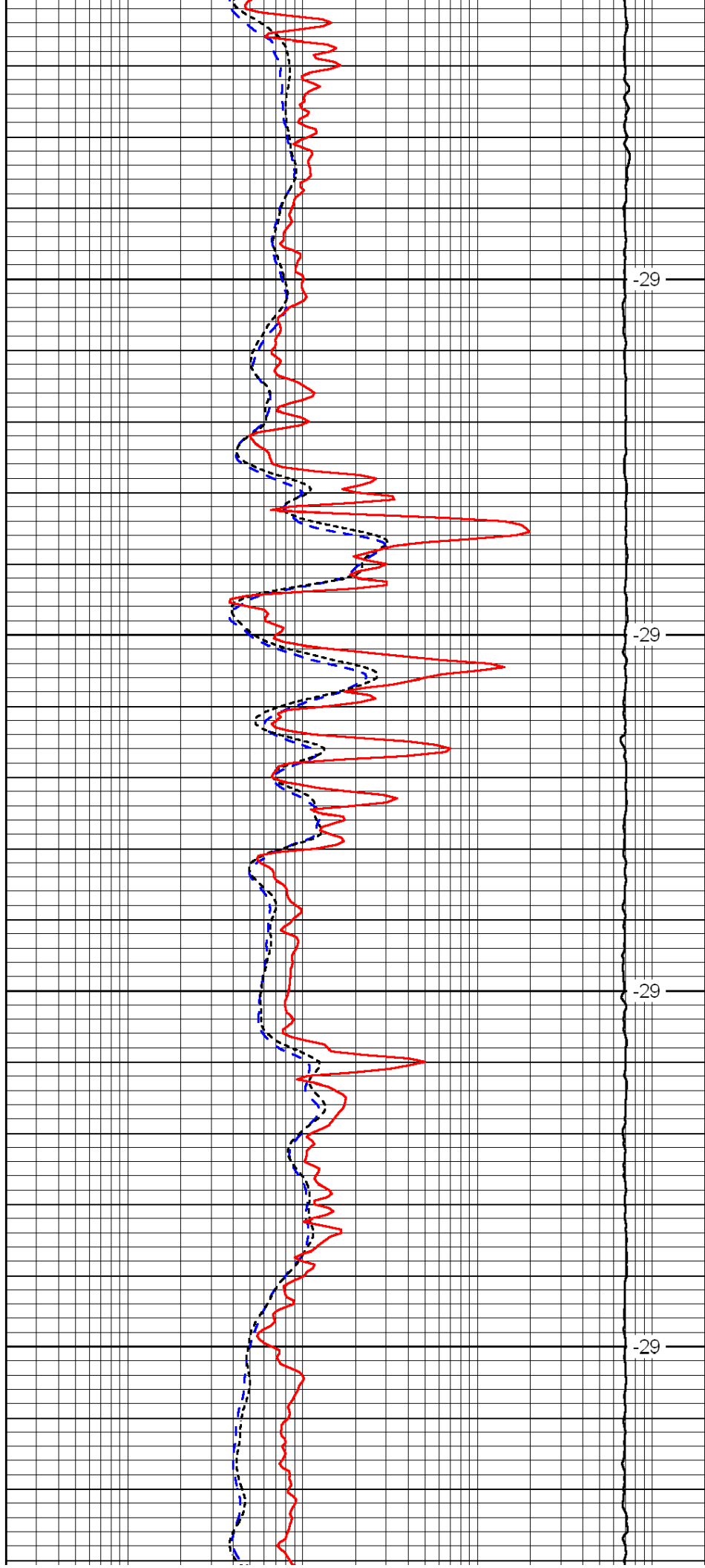


4200

4250

4300

4350

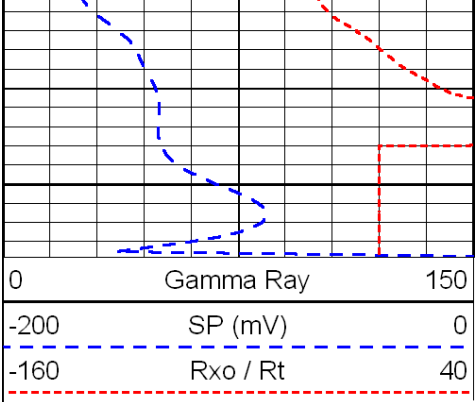


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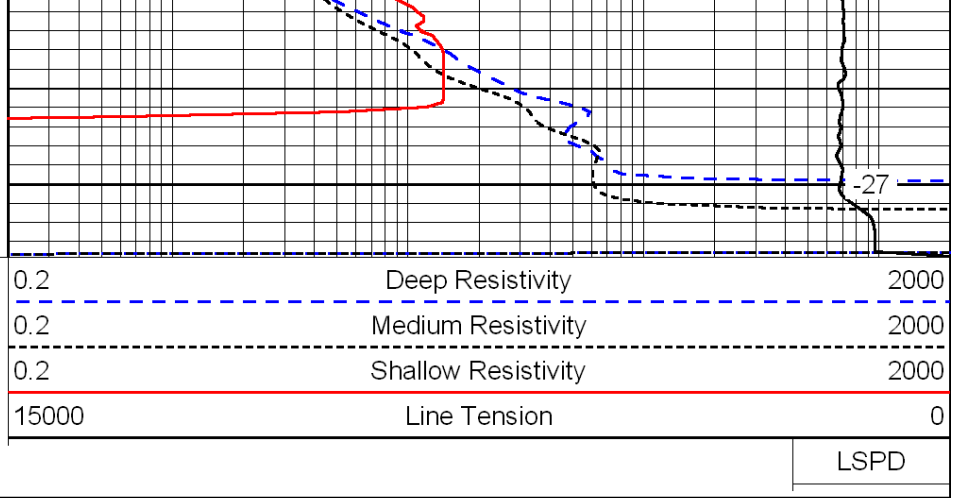
-29

-29

-29



4400



-27

LSPD